

Spratt (Am. Bot., July 1912) reports studies of several genera of the Podocarpineæ and finds root nodules on all examined. These nodules are modified lateral roots. They are produced by the infection of the meristematic tissue of the young root, by *Pseudomonas radiculicola*, shown to be identical in cultures with the infesting bacterium in Leguminosæ. Cultures also show these organisms capable of assimilating atmospheric nitrogen.

A PLEA FOR THE FISH

"When removing an undersized trout from your hook, always moisten your hands before grasping the fish; otherwise the dry hand will remove the slime from the back of the trout, when it is only a question of time until fungus sets in and the fish will die.

Always kill your fish that are large enough to keep, as soon as taken from the hook. This can be done by giving it a stroke with a stick on the head, back of the eyes. It will avoid all suffering and make your fish far better for table use.

The American Fisheries Society at Washington, D. C., September 21-24, 1908, recommended that the various State Commissions educate the people by every means in their power to follow the directions given about wetting the hands.

Indorsed by twenty-eight Fish and Game Commissions throughout the United States."

G. H. THOMPSON, Fish Culturist,
Superintendent of the Estes Park Fish Hatchery.

HEREDITY IN RELATION TO EUGENICS

This book, by Dr. C. B. Davenport of the Carnegie Institution, is an effort to bring together, in a form that the intelligent worker even tho not a special student of biology may comprehend, some of the results derived from our modern studies of heredity, the methods whereby these results have been reached, and certain applications of these methods to the study of human traits and thru these to human guidance. The book ought to serve in a very real way the social worker, the physician, and the teacher of general biology. Dr. Davenport is one of the leading American students of this subject.

In Chapter I on "Eugenics: Its Nature, Importance and Aims", the writer defines the scope of this new hope that the quality of the